HANDLE VIA [redacted] CONTROL SYSTEMS

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7/14/17
RAC.E-7
Su.

I History of aircraft/drone overflights

A. Programs

1. Genetrix
2. Idealist
3. Oxcart
4. SR-71
5. 147 drone
6. 154 drone
7. TAGBOARD
8. AQUALINE
9. Other proposed NRO programs (eg, SEDGE PINE, SANDY HOOK,
10. Army Programs
11. Navy Programs
12. All Joint Programs (other than SR-71, 147, & 154)
    a. Compass Cope
    b. Compass Dwell

B. Development History for each program

1. Requirement designed to meet
2. Developing Agency
3. Management philosophy for development & acquisition
4. Significant milestones
5. Program costs
6. Operational employment
    a. operating agency
    b. approval authority

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c. number of missions flown (test & operational)
(1) successes
(2) partial successes
(3) failures
7. Present Program Status
8. Future Plans for the Program

II. Present and Future Requirements
A. Comparison of Past & Present Requirements
1. quantitative
2. qualitative

B. USIB National Requirements
1. by area target country, etc.
2. by collection platform (eliminate satellite)

C. Tactical Need Satisfaction
1. as a spin-off by meeting national requirement
2. solely to meet tactical needs

D. Political Considerations
1. assessment of deniability of overflight
a. to show presence
b. trade-off of near term need vs. expected political reaction.

2. third country considerations -- e.g., bone lands or staging rights
3. history of protests against overflights
3.

III Factors Affecting Control of Overflights
A. Responsibility
1. JO Committee interface
2. Contingency planning
3. Combat Theater considerations

B. Operational Responsiveness
1. reaction time
2. location of assets
3. lines of command
4. capability to deploy world-wide -- eg, bone rights

C. Support Operations
1. recovery forces
2 a. for payloads
b. crews
2. friendly forces radar and fire suppression
3. airlift support

D. Processing the Product
1. overseas or CONUS
2. responsibility for processing
3. distribution

IV Other Considerations

A. R&D

1. who should perform R&D for future, collection system concept
2. where is defensive subsystem work best performed

B. aircraft/drones vis-a-vis satellites

1. who determines trade-offs among collectors?
   a. technically?
   b. politically?
2. who assures coordinated aircraft/drone and [redacted] operations?

C. what is the continued need for aircraft/drone reconnaissance in the [redacted] era?

D. what kind of organization is needed to plan, operate, and control aircraft/drone missions

1. how many people?
2. where would they be located?

E. Does operational control imply total control?

1. ownership of assets
2. direct control over the people involved
3. funding

V Recommendations

A. Alternatives

1. pros and cons

2. Discussion

B. Weighting each alternative.

C. Recommended approach

D. Identification of actions to implement recommended approach